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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/584,477	06/01/2000	Richard E. Sklar	071815/0478	4651

7590

02/27/2002

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EXAMINER

GRANT, CHRISTOPHER C

ART UNIT

PAPER NUMBER

2611

DATE MAILED: 02/27/2002

RB

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/584,477

Applicant(s)  
SKLAR et al.

Examiner  
Christopher Grant

Art Unit  
2611



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Feb 19, 2002
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-12 is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some\* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 20) ☐ Other:

Art Unit: 2611

## DETAILED ACTION

### *Reissue Applications*

1. The original patent, or an affidavit or declaration as to loss or inaccessibility of the original patent, must be received before this reissue application can be allowed. See 37 CFR 1.178.

The original ribboned copy of the patent has not been surrendered. See MPEP 1416.

### *Claim Rejections - 35 USC § 112*

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1-9 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The specification fails to enable one skilled in the art how to make and/or use a “receiver coupled to the antenna control means....., and for feeding back the status signals to the antenna control means which are used to steer the antenna to lock it onto the RF signals received from the satellite” as recited in claim 1, lines 12-20.

Art Unit: 2611

Note that the specification and drawings indicate that status signals are fed from antenna control (17) to antenna interface unit (12) where they are processed to produce steering signals which are then fed to antenna (11). Therefore, receiver (13) does not appear to feed back any status signals as described in claim 1.

*Allowable Subject Matter*

4. Claims 10-12 are allowable because the prior art fails to disclose or suggest a satellite television system and corresponding method to provide television channels to each passenger comprising an antenna having a steering device for steering in response to control signals, an antenna controller to provide the control signals to the antenna and for processing status signals derived from the antenna to steer the antenna and for downconverting encoded RF signals, receiver to process the downconverted signals, modulator, distribution system, seat electronics circuitry for demodulating, decoding and D/A converting the modulated signals and wherein the receiver does not perform any decoding and does not perform D/A converting as recited in the claims.

*Note to applicant*

5. Applicant is notified that any subsequent amendment to the specification and/or claims must comply with 37 CFR 1.121(b).

Art Unit: 2611

***Response to Arguments***

6. Applicant's arguments with respect to claims 1-12 have been considered.

***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Toyama et al. disclose receiving satellite broadcast on an aircraft.

8. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 872-9314 (for formal communications intended for entry and for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chris Grant whose telephone number is (703) 305-4755. The examiner can normally be reached on Monday-Friday from 8:00am to 5:00 pm.

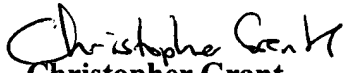
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile, can be reached on (703) 305-4380.

Application/Control Number: 09/584477

Page 5

Art Unit: 2611

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to customer service whose telephone number is (703) 306 0377.

  
**Christopher Grant**  
**Primary Examiner**  
**February 23, 2002**